

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) A method of providing information to a client from a client access network in the form of user information regarding a plurality of users, characterised by comprising the following steps:

- receiving a subscription request from the client for certain information on a set of users,

- receiving and storing information updates regarding users in the set,

- receiving a subsequent request for user information from the client.

- retrieving stored user information corresponding to the requested information,

and

- sending a notification to the client regarding the retrieved user information, in response to the subsequent user information request.

2. (Currently Amended) The [[A]] method according to claim 1, wherein ~~characterised in that~~ the users are mobile users.

3. (Currently Amended) The [[A]] method according to claim 1 or 2, ~~wherein characterised in that~~ the user information is presence information on the users.

4. (Currently Amended) The [[A]] method according to claim 1 any of ~~claims 1-3, wherein at least some of the users in the set are connected to other access networks, wherein characterised in that~~ the client access network establishes a network subscription for user information updates with each of the other access networks to which users in the set are connected, in response to the received client subscription request.

5. (Currently Amended) The [[A]] method according to claim 4, wherein several of the users in the set are connected to the same user access network, wherein characterised in that the client access network sends one common subscription request for those users to that user access network, including a list of the users in the set being connected to that network.

6. (Currently Amended) The [[A]] method according to claim 4 or 5, wherein characterised in that information updates are continuously received from the other access networks whenever changes of state are detected for the users in the set, impacting the present network subscription.

7. (Currently Amended) The [[A]] method according to claim 4, wherein any of claims 4-6, characterised in that, after establishing the network subscriptions, information is initially received from the other access networks on the current states of their respective users.

8. (Currently Amended) The [[A]] method according to claim 7, wherein characterised in that an initial notification is sent to the client regarding the received user information, before receiving the subsequent user information request.

9. (Currently Amended) The [[A]] method according to claim 1, wherein any of claims 1-8, characterised in that the subsequent request for user information received from the client is limited to a subset of users comprising fewer users than the original set of users.

10. (Currently Amended) The [[A]] method according to claim 1, wherein any of claims 1-9, characterised in that the subsequent request for user information received from the client is limited to one or some types of information of the information included in the subscription.

11. (Currently Amended) The [[A]] method according to claim 9, wherein
~~or 10, characterised in that~~ the subset of users and/or types of information is selected by the client.

12. (Currently Amended) The [[A]] method according to claim 9, wherein
~~or 10, characterised in that~~ the subset of users and/or types of information is adapted to a service and/or application currently utilised by the client.

13. (Currently Amended) The [[A]] method according to claim 1, wherein
~~any of claims 1-12, characterised in that~~ a subsequent notification is sent to the client indicating only the changes since the previous notification.

14. (Currently Amended) The [[A]] method according to claim 1, wherein
~~any of claims 1-12, characterised in that~~ a subsequent notification is sent to the client indicating that nothing has changed since the last notification.

15. (Currently Amended) The [[A]] method according to claim 1, wherein
~~any of claims 1-14, characterised in that~~ the subscription request from the client indicates the types of information needed.

16. (Currently Amended) The [[A]] method according to claim 1, wherein
~~any of claims 1-15, characterised in that~~ the subscription request from the client indicates a time of expiration.

17. (Currently Amended) The [[A]] method according to claim 16,
~~wherein characterised in that~~ the subscription request from the client specifies a minimum time between successive notifications corresponding to the time of expiration.

18. (Currently Amended) The [[A]] method according to claim 1, wherein
~~any of claims 1-17, characterised in that~~ the set of users is selected by indicating a predetermined list of users.

19. (Currently Amended) The [[A]] method according to claim 1, wherein any of claims 1-17, characterised in that the set of users is selected as an ad hoc list of users.

20. (Currently Amended) The [[A]] method according to claim 1, wherein any of claims 1-17, characterised in that the set of users is selected by adding users to or deleting users from a predetermined list of users.

21. (Currently Amended) An arrangement in a client access network for providing information to a connected client in the form of information regarding a plurality of users, comprising: characterised by:

- an information delivery server adapted to receive a subscription request from the client for certain information on a set of users, and to receive information updates regarding the set of users from their respective access networks,

- a data storage means for storing updated user information,

wherein the information delivery server is further adapted to receive a subsequent request for user information from the client, and to retrieve requested user information from the data storage means and send a notification to the client including the retrieved user information, in response to the user information request.

22. (Currently Amended) The [[An]] arrangement according to claim 21, wherein at least some of the users in the set are connected to other access networks, wherein characterised in that the information delivery server is further adapted to establish a network subscription for user information updates with each of the other access networks to which users in the set are connected, in response to the received client subscription request.

23. (Currently Amended) The [[An]] arrangement according to claim 21, wherein or 22, characterised in that the information delivery server is further adapted to

continuously receive information updates from the other access networks whenever changes of state are detected for the users in the set.

24. (Currently Amended) The [[An]] arrangement according to claim 21, wherein any of claims 21-23, characterised in that the information delivery server is further adapted to initially receive from the other networks information on the current states of their respective users.

25. (Currently Amended) The [[An]] arrangement according to claim 24, wherein characterised in that the information delivery server is further adapted to send an initial notification to the client containing the received user information.

26. (Currently Amended) The [[An]] arrangement according to claim 21, wherein any of claims 21-25, characterised in that the information delivery server is further adapted to send to the client a subsequent notification indicating only the changes since the previous notification.

27. (Currently Amended) The [[An]] arrangement according to claim 21, wherein any of claims 21-25, characterised in that the information delivery server is further adapted to send to the client a subsequent notification indicating that nothing has changed since the last notification.

28. (Currently Amended) The [[An]] arrangement according to claim 21, any of claims 21-27, further comprising a user list server adapted to maintain various lists of users defined for clients of the client access network, , wherein characterised in that the user list server is adapted to provide a predetermined list as a basis for the selected set users.